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## NOTICE OF ALLOWANCE AND FEE(S) DUE

05514

7590

02/24/2004

FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112 EXAMINER

NGUYEN, KIET TUAN

ART UNIT PAPER NUMBER

2881

DATE MAILED: 02/24/2004

APPLICATION NO.	FILING DATE	FIRST NAM	IED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/819,906	03/29/2001	Yasuhi	ro Shimada	862.C2173	5368
	ELECTRON OPTICAL SY CE MANUFACTURING M		OF MANUFACTURING TH	E SAME, CHARGED-PARTI	CTÉ BEAM EXPOSUI
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	05/24/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status.
   See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

C mplete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

			or <u>Fax</u>	(703) 746-4000		
INSTRUCTIONS: This for appropriate. All further con indicated unless corrected b maintenance fee notification	m should be used for trans respondence including the F selow or directed otherwise s.	mitting the ISSUI atent, advance ord in Block 1, by (a)	E FEE and PUBI ders and notification specifying a new	ICATION FEE (if req on of maintenance fees correspondence addres	uired). Blocks 1 through 4 s will be mailed to the current s; and/or (b) indicating a sepa	hould be completed when correspondence address a trate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	E ADDRESS (Note: Legibly mark-up	with any corrections or	use Block 1)	Note: A certificate of	of mailing can only be used for his certificate cannot be used	or domestic mailings of th
				papers. Each addition	his certificate cannot be used nal paper, such as an assignmente of mailing or transmission.	for any other accompanying ent or formal drawing, mus
	90 02/24/2004			have its own certifica	ate of mailing or transmission.	
FITZPATRICK C 30 ROCKEFELLE NEW YORK, NY		SCINTO		I hereby certify that States Postal Service addressed to the Management	ertificate of Mailing or Trans this Fee(s) Transmittal is bein with sufficient postage for fir ail Stop ISSUE FEE address PTO, on the date indicated bel	g deposited with the Uniter st class mail in an envelop above, or being facsimil
					-	(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	I	FIRST NAMED INV	ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/819,906	03/29/2001		Yasuhiro Shim	ada	862.C2173	5368
APPARATUS, AND DEVI	CE MANUFACTURING MI	ETHOD			E SAME, CHARGED-PART	
APPLN. TYPE	SMALL ENTITY	ISSUE FE	!	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$300	\$1630 	05/24/2004
EXAM	INER	ART UNI	IT	CLASS-SUBCLASS		
NGUYEN, K	CIET TUAN	2881		250-39600R		
"Fee Address" indication PTO/SB/47; Rev 03-02 of Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless	an assignee is identified bel d to the USPTO or is being s	ion form of a Customer  E PRINTED ON T ow, no assignee da ubmitted under ser	firm (having as agent) and the attorneys or ag will be printed.  THE PATENT (printed atta will appear on parate cover. Comp	the patent. Inclusion of	assignee data is only appropri	ate when an assignment ha
Please check the appropriate  4a. The following fee(s) are  Issue Fee  Publication Fee  Advance Order - # of 6		4b.	Payment of Fee(s	): amount of the fee(s) is e dit card. Form PTO-203 s hereby authorized by		credit any overpayment, to
Director for Patents is reques	sted to apply the Issue Fee ar	nd Publication Fee			issue fee to the application ide	<del></del>
(Authorized Signature)		(Date)			<u>.</u>	
other than the applicant; interest as shown by the rec	d Publication Fee (if require a registered attorney or age cords of the United States Patton is required by 37 CFR by the public which is to five is governed by 35 U.S.C. I less to complete, including garn to the USPTO. Time will the amount of time you rhis burden, should be sent to	ent; or the assigne tent and Trademark 1.311. The information of the US 22 and 37 CFR 1.1 thering, preparing, the conding	the or other party k Office. The office of the office of t	in io		

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09/819,906	0	3/29/2001	Yasuhiro Shimada	862.C2173 5368	
05514	7590	02/24/2004		EXAMINER	
FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA			NGUYEN, KIET TUAN		
NEW YORK, N				ART UNIT	PAPER NUMBER
				2881	
				DATE MAILED: 02/24/200	.4

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 286 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 286 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)			
	09/819,906	SHIMADA ET AL.			
Notice of Allowability	Examiner	Art Unit			
	Kiet T. Nguyen	2881	pw		
The MAILING DATE f this communication appeals all claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85; NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R	(OR REMAINS) CLOSED in ) or other appropriate commu IGHTS. This application is s	this application. If not include inication will be mailed in due o	ed course. <b>THIS</b>		
1. This communication is responsive to The RCE filed on Oc	tober 14, 2003.				
2. 🔀 The allowed claim(s) is/are <u>1-25</u> .					
3. The drawings filed on 29 March 2001 are accepted by the					
<ol> <li>Acknowledgment is made of a claim for foreign priority unallight a)</li></ol>	nder 35 U.S.C. § 119(a)-(d) c	эг (f).			
<ol> <li>Certified copies of the priority documents have</li> </ol>	e been received.				
<ol><li>Certified copies of the priority documents have</li></ol>					
<ol><li>Copies of the certified copies of the priority do</li></ol>	ocuments have been received	I in this national stage applicat	ion from the		
International Bureau (PCT Rule 17.2(a)).					
* Certified copies not received:					
<ol> <li>Acknowledgment is made of a claim for domestic priority userference was included in the first sentence of the specific</li> </ol>	ation or in an Application Dat	ta Sheet. 37 CFR 1.78.	a specific		
(a) The translation of the foreign language provisional			sa waa inaludad		
<ol> <li>Acknowledgment is made of a claim for domestic priority used in the first sentence of the specification or in an Application</li> </ol>	n Data Sheet. 37 CFR 1.78.				
Applicant has THREE MONTHS FROM THE "MAILING DATE" obelow. Failure to timely comply will result in ABANDONMENT of	of this communication to file a this this application. THIS THR	reply complying with the requi	rements noted EXTENDABLE.		
7. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv			OTICE OF		
8. CORRECTED DRAWINGS ( as "replacement sheets") mu (a) including changes required by the Notice of Draftsper		v ( PTO-948) attached			
1) hereto or 2) to Paper No					
(b) ☐ including changes required by the proposed drawing of					
(c) ☐ including changes required by the attached Examiner	's Amendment / Comment or	in the Office action of Paper N	10		
Identifying indicia such as the application number (see 37 CFR and each sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on th the margin according to 37 CF	ne drawings in the front (not the R 1.121(d).	back) of		
9. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT FOR	osit of BIOLOGICAL MATE	ERIAL must be submitted. N CAL MATERIAL.	lote the		
Attachment(s)					
1 ☐ Notice of References Cited (PTO-892)	5☐ Notice of Info	ormal Patent Application (PTO-	·152)		
2☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6☐ Interview Sur	mmary (PTO-413), Paper No	·		
3⊠ Information Disclosure Statements (PTO-1449 or PTO/SB/0	8), 7□ Examiner's A	7 Examiner's Amendment/Comment			
Paper No. <u>16</u> 4 Examiner's Comment Regarding Requirement for Deposit	8⊠ Examiner's Statement of Reasons for Allowance				
of Biological Material	9 Other	Tay			
		KIET T. N.GUYEN PRIMARY EXAMINER			

Application/Control Number: 09/819,906

Art Unit: 2881

والأراض

The following is an examiner's statement of reasons for allowance:

The prior art fails to disclose an electrode plate for a charged particle beam, which includes a portion of a surface of a substrate coated with an insulating layer but not coated with an electrode layer as recited in claims 22 and 24. The reasons for allowable for claims 1, 7, 15, 17-18 and 20-21 are indicated in the previous office action, dated March 11, 2003, in paper No. 7.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet T. Nguyen whose telephone number is 571-272-2479. The examiner can normally be reached on Monday-Friday from 8.00 AM to 6.00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John R Lee, can be reached on Monday-Friday. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

Application/Control Number: 09/819,906

Art Unit: 2881

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

KIET T. NGUYEN PRIMARY EXAMINER